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| --- | --- | --- | --- | --- | --- |
|  | Exemplary 4 | Proficient 3 | Developing 2 | Emerging 1 | No Evidence 0 |
| Graph choice | Chosen graph presents data in a clear and meaningful way that enhances understanding for the reader, and allows for quick understanding. | Chosen graph presents data in a clear and meaningful way so that the reader can quickly determine what the experiment was about. | Chosen graph presents data in a way that is unclear or is hard to understand; the reader has to determine what the graph is trying to convey. | Chosen graph presents data in a way that is unclear or is hard to understand; the reader can not determine what the graph is trying to convey. | There is no data presented in the graph. |
| Title | Has a clear, succinct title, which includes an accurate cause and effect relationship between the independent and dependent variables. | Has a clear title, which includes an accurate cause and effect relationship between the independent and dependent variables. | Has a clear title, but does not include an accurate cause and effect relationship between the independent and dependent variables. | Has a title that is unclear or hard to understand. | There is no title. |
| x-axis | Is accurately labeled; labels are clear, succinct and meaningful; labels enhance understanding for the reader | Is accurately labeled; labels are clear and succinct | Is labeled; labels may not be clear and/or succinct | Labels are unclear and/or hard to understand | The x-axis is not labeled. |
| y-axis | Is accurately labeled; labels are clear, succinct and meaningful; labels enhance understanding for the reader | Is accurately labeled; labels are clear and succinct | Is labeled; labels may not be clear and/or succinct | Labels are unclear and/or hard to understand | The y-axis is not labeled. |
| Scale | Starts at 0; interval choices are strategic to best highlight data; intervals are accurately spaced and numbered in the appropriate spot | Starts at 0; intervals are accurately spaced and numbered in the appropriate spot | Starts at 0; intervals are not accurately spaced and/or numbered | Does not start at 0; intervals are not accurately spaced and/or numbered | There is no scale |
| Categories (if any) | Categories are the same size, accurately labeled and spaced in a way that maximizes use of space; enhances understanding for the reader. | Categories are the same size, accurately labeled, and spaced; enhances understanding for the reader. | Categories are accurately labeled; spacing between bars or lines is uneven; categories may or may not be the same size | Categories are labeled; spacing between bars or lines is uneven; categories are not the same size | Categories are not labeled; spacing between bars or lines is uneven; categories are not the same size |